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The Students of Worcester Polytechnic Institute

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Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 4, Number 19

Tuesday, November 9, 1976

Dr. William Lipscomb

Nobel Prizewinner speaks here

by Rory O'Connor

Nobel Prize winner Dr. William Lipscomb presented a Chemistry colloquium at WPI last Thursday prior to his honorary induction into Phi Lambda Upsilon, the national Chemistry honor society the same evening at ceremonies in Higgins House. This is the second time that Dr. Lipscomb has spoken here in the past two years.

Dr. Lipscomb received the Nobel Prize in Chemistry this year, noted because of the American sweep of all prizes, for some thirty years work on the chemistry of Boranes. Much of this work has been done at Harvard University where Dr. Lipscomb teaches. In addition to his efforts in this and other fields of organic and inorganic chemistry, Dr. Lipscomb is a virtuoso clarinetist and has performed many times with renowned orchestras around the United States. Dr. Herbert Beall of the WPI chemistry department did his doctoral work under Dr. Lipscomb.

The announcement of the award came somewhat secondhand to Dr. Lipscomb, since it was announced on the radio a full three hours before he received a telegram informing him. He was told of his honor by several of his students, and responded with a query of "You sure?" to their message. "I

wrote a lot of nice papers," he said, "but I didn't know anybody read them."

The attitude of the students has not changed towards him, he says. "They still find I make as many mistakes on the board as I did before." He attributes this, however, to lack of novelty, since he is the third living and fourth total Harvard recipient of the Nobel Prize.

A chief concern of Dr. Lipscomb is the dwindling federal budget for research and development, which he says is not keeping up with inflation and is being directed towards immediate results rather than fundamental research. He also sees too much politics involved in science, noting that just before election time President Ford authorized an 11 per cent increase in the R&D budget. "It's terribly important to unpoliticize science," he said. "There ought to be a way to keep it more or less out of politics. It's less important that the President knows everything than that he has good advisors."

Dr. Lipscomb plans to return to his research and teaching at Harvard without any change. He is within five years of a major breakthrough in enzyme kinetics, and hopes to see this completed under him. Who knows — it may earn this brilliant man his second Nobel Prize.



Dr. Lipscomb answering questions after colloquium.

Photo by Rory O'Connor

From our British correspondent..

Water, water, everywhere

by Jeff Sleeman

Well, I suppose it was pushing providence a bit far, writing about the British weather like that. But after all, I only wrote it because I was fed up with playing scrabble, it wasn't meant to be taken that seriously. Nevertheless, the rain gods have taken their revenge with a vengeance. From the second I put that pen down it started raining and it's really bucketed down almost non-stop ever since, falling almost as fast as the value of the pound. After three days we'd had the usual average rainfall for the whole month, after five days, that for the rest of the year and after seven, enough to drown the weather forecasters who were still merrily predicting a drought until after Christmas, even as the water swirled up round their isobars.

Suddenly the rivers were overflowing, the reservoirs rising and the standpipes in the streets submerged beneath 5 ft. floods, with the men from the water authorities rowing round in little boats trying to find them again. Although the water emergency is still technically on because the reservoirs are nowhere near full yet, the campaign to save water has become rather bogged down. It's hard to convince people that there's a shortage while they're sitting in the front room watching Happy Days (yes, I'm afraid we've got that here now) while the water rises past their eyeballs and

granny floats sedately out the window.

The real water crisis now seems to be getting rid of the blasted stuff.

A storm of a rather different kind which is just breaking over the country, is the storm of controversy over the decision of the Arts Council to award a grant of taxpayers' money to the tune of 500 pounds (about 25 cents at today's exchange rate, I think) to a man in Nottingham to sweep piles of rubbish into artistic little heaps. Although the Arts Council seem to think that this is a legitimate art form, general feeling in the country is that some of that rain must have found its way into the brains of its members. Not that it is the first time that this sort of thing has happened. Last year there was a big outcry when one of our leading art galleries, the Tate, spent a large number of our worthless bits of green paper on a pile of ordinary bricks — a so-called contemporary sculpture. Then they bought an "artistic" plastic ship's nameplate, while the Arts Council gave three idiots a big handout to walk round Lincolnshire with a long pole on their heads. But the top prize for contemporary art must go to a sculpture commissioned recently to project Britain's image, which incorporates a large heap of farmyard manure. Maybe it's just the sculptor's way of saying that Britain is really in the...mire?

For your information

The WPI infirmary

by Paul Johnson

With the compulsory medical insurance coverage required of the WPI student, most of whom pay the standard \$64.00 Student Health Fee on their tuition bill, a discussion of the health care services, particularly the infirmary is in order.

The infirmary is open 24 hours a day, seven days a week during the academic year and eight hours a day during vacations. Coverage is provided by seven Registered Nurses, three of whom are full time employees, and the other four part time. Dr. Commons, a General Practitioner, provides more advanced treatment at 8:30 to 10:00, and Dr. Caron, a specialist in Orthopedics, takes the evening shift from 7-9 p.m.

The infirmary is equipped to handle most minor disorders treatable by a R.N. or the Doctor during his campus hours. Medicines are available and include: antibiotics, aspirin, tylenol, and throat lozenges. Absolutely no narcotics are kept or administered at the infirmary. No prescriptions can be filled since the infirmary is not a pharmacy but allergy serums are injected via home doctors' orders. Clinical tests are not done on the premises with the exception of planting throat cultures. Premarital blood tests are drawn as a courtesy and sent to an outside lab. Suturing is not done, but you may come in for their removal. More therapeutic treatment is available including a hot pack machine which provides continual hot packs for muscle problems and sprains and a sitz bath for disorders requiring a warm soak.

The night procedure is slightly different with the door locked, and the student is required to show an I.D. before gaining admittance. The same care is available, but there is one request which would be

gratefully appreciated. When a concerned student brings a slightly inebriated friend to the infirmary, it would be most considerate if he stayed and assisted the night nurse for the duration of his stay, even if the patient is placed in bed.

Seven beds are available for overnight stays which are limitless, but generally average around five days. Admissions include head colds, short term illnesses, and situations which require bed rest and a controlled diet. Students without meal tickets must pay for their meals while in the infirmary.

The infirmary has averaged 6300 visits a year for the past five years. Upper respiratory infections are the most common problem. With the rush of a seven week term precluding even minor illnesses, it must be remembered that the infirmary is no quick panacea for these inconvenient symptoms and treatment should be considered with patience.

Mrs. Mahoney, the 8-3 nurse who is most frequently on the other side of the tongue depressor stresses a lack of apprehension on the part of the student. "What goes on over here stays here. The administration doesn't see the patient cards or their medical records. We are very confidential." It is a medical establishment and medical ethics apply. Take advantage of the posted pamphlets, the medical help, and the Office of Counselling Services. Although the nurses present an air of friendliness, they treat all problems with a professional attitude and none is too embarrassing to prevent a visit.

Unfortunately, under school policy, graduates and non-registered students are not included in the infirmary care since they pay no health fee. This presents a problem since WPI does not require the return of student I.D.'s upon graduation.

There will be a Student Government meeting at

6:00 p.m. Wednesday, November 10, in the Wedge.

Editorials: On campus security:

At the end of term A, there was an incident that hopefully will not reoccur. One morning, there was a man in one shower of Riley second while a female student was taking a shower. There is an article on this, so I won't go into the particulars. This hasn't been an isolated incident, so one can't say don't worry about it, it won't happen again. Luckily, the student came out of it okay. It could happen again and the results could be much worse.

This is a perfect example of poor security in Riley. Look at the police blotter each week, a lot of the items are due to the poor security in the dorms.

Many ways of increasing security in Riley were discussed at special meetings. One of these methods, locked doors at the end of each corridor, was decided upon. I was told that the doors would be installed in two to four weeks. Two weeks have passed. I'm wondering when these doors will become a reality, and I'm hoping it will increase the security to a level much needed by Riley.

Susan Wright

Staffitorials: Caveat emptor

by Jim Cook

Last year I registered to take a course (which shall remain nameless) during Intercession. Upon receiving my Intercession schedule which said I had made the course, I also found out that I had a \$3.00 fee to pay. Fine, I said, and went and paid it. Along about the second day of the course, the professor teaching it announced to the class that he had just heard about the fee and to his knowledge no fee was needed even though charts and diagrams were supplied for the course. The professor did suggest that the fee might have been an effort on the part of the administration to cut down on the number of people who sign up for this course but never attend. The fee would be given back to the student upon successful completion of the course. Most of the class completed the course but, as far as I know, no one got their fee back.

Therefore, I suggest to any student signing up for a course that requires a fee, to find just what the fee is paying for and anyone else who signs up for a course but finds he will not be attending please notify the Intercession because there is many a course where someone else would be glad to take your place.

Commuters, where are you?

by Tom Daniels

Recently, I've been seeing quite a few signs around campus urging commuters to "get involved", namely, to attend the commuter meetings. As a commuter, I confess that I've been to only one meeting all year, but my own poor attendance has been due to the fact that most of the meetings have been poorly advertised. In most cases, notices have been put up early on the day of the meeting, or late on the proceeding afternoon. Many commuters have early classes, and this results in not getting over to the commuter lounge, or to the Wedge, until noon or later, too late to go to the 11:00 a.m. meeting. I would urge that at least two or three days notice be given before a meeting, giving everyone involved a fair warning. This, in my opinion, would improve greatly "commuter involvement" on campus.

Letters: CB war rages Who is at fault?

To the Editors:

I was shocked to read the editorial by Mr. Steven B. Fine entitled "Angry CB Listener" in the October 19 issue of *Newspeak*. I would like to direct some comments to Mr. Fine.

To begin with, the radio station Mr. Fine cites was probably WPI's amateur radio club's station which owns the call sign W1YK. This is *not* a CB station, but rather an amateur radio station.

Mr. Fine claims that a CB owner was "operating in television frequencies", specifically on channel 5. Mr. Fine, there are *no* commercially built transmitters available that operate in channel 5's frequency band, to my knowledge, except for broadcast equipment which is priced in the thousands of dollars. Furthermore, modifying existing equipment designed for use on CB and amateur bands to operate in channel 5's range (approximately 77 to 82MHz) nowhere near CB or amateur bands) or building such equipment from scratch involves a great deal of work, money, and knowledge.

The cause of your interference, Mr. Fine, was probably either (1) spurious or harmonic radiation from the radio transmitter in question, or (2) overload of your television set, due to lack of proper filtering on your TV set.

If it was the former case, and if it was indeed the amateur radio club's station

causing the interference, I am sure that they will adjust their equipment immediately. I do not feel, however, that such an accusation without proof to defend it was in order.

In regard to lack of filtering on the TV set, the Federal Communications Commission has been most concerned about this. The FCC has suggested legislation which has appeared in Congress, requiring television sets to have filtering devices installed at the time of manufacture. The FCC believes that many times the amateur or CB operator and his equipment is not at fault for interference, but rather the TV set is at fault for not providing a way to reject strong signals that are not TV signals.

Did it ever occur to you, Mr. Fine, that perhaps your TV set is not properly filtered to reject non-TV signals?

In closing, Mr. Fine, I believe you owe a public apology to the amateur and CB operators in the WPI community for indiscriminately accusing them of illegal operation, and of causing your interference.

Yours truly,
Scott Sminkey

P.S. A word to the wise, Mr. Fine: amateur and CB operators are getting upset about blatant accusations such as yours.

CB'ers innocent

To the Editors:

In response to Mr. Fine's letter, I am writing on behalf of the Amateur Radio Operators of this area. From what you say are the call letters, it would indicate that what you are dealing with is a 'ham' not a CB'er. You could check with the WPI Wireless Assoc. to find out whom those call letters belong to and have him check out his 'rig' to see that it is operating correctly. If it is operating correctly or if it is a brand new set, then it is probably your television that is wrong and not the fact

that he is transmitting on channel 5. You see, television sets sometimes tend to be too wide-banded and will pick up a harmonic that belongs to an amateur or a CB'er who is transmitting.

The rig that the amateur is using should suppress these harmonics to federal regulation specifications and as long as it passes that requirement the amateur is operating within the law.

Sincerely,
Glenn Robertson
WAIPVB

Harmony restored?

To the Editor:

This letter is in response to the editorial in last week's *Newspeak* by Steven Fine. It would have been a decent editorial if Mr. Fine had bothered to research his facts.

First, the call letters stated in the article belong to an amateur (ham) radio operator, and not a Cber. CB call letters consist of three letters followed by four numerals (e.g., KAA-1111). Second, neither CBers or ham radio operators are authorized by the Federal Communications Commission to operate in the VHF television band; for Channel Five, the assigned frequency is 76-82 MHz. This is almost exactly a third harmonic of the assigned CB frequencies (roughly 26-27 MHz). Mr. Fine therefore was listening to the third harmonic of the CB band, if the operator was in fact a Cber.

I applaud the intent of the article, because CBers misuse their assigned frequencies, power limitations, etc. If Mr. Fine really is interested in cracking down on

CB operators, I suggest he write an editorial that attempts to explain why the FCC has agreed to add 17 additional channels to the CB band, effective January 1st, 1977.

Sincerely,
Ronald E. Fish

Ed. Note:

I would like to apologize to all the CB'ers on campus. The call letters that I complained in my editorial last term belong to the WPI ham radio station. They had a technical problem which they have since corrected. Due to my ignorance of CB's and ham radio, I assumed the interference was from a CB since I have had experience with interference from CB's before. But that was not in Worcester. I would like to apologize for jumping to a wrong conclusion.

Steven B. Fine

Poor officiating

A crime was committed on October 18th, during the intramural volleyball playoffs between Fiji and Venezuela. I was a witness when the referees stole the game from the Venezuelans. I find it hard to believe that such inept refereeing could be allowed to occur in a game of this importance.

I was not the only witness, ask anyone else in the crowd about the poor calls by

the officials; they will be only too happy to tell you.

This is not meant to take anything away from Fiji who played well, especially when the score was close, however it is unfortunate that they had to win under such dubious circumstances. Hopefully, any future games will not have to contend with such poor officials.

Michael Gagnon '80

Note from '80 president

Dear Freshmen,

I would like to take this opportunity to thank all of those members of the class who voted for me. My primary goal this year will be to unite our class. To meet this goal I hope to sponsor a few events such as: a mixer, a class picnic, and an event in the pub. My hopes are that these functions will enable more freshmen to meet each other.

I would also like to add that I was elected for you, so please do not hesitate to contact me at any time if you have any suggestions for, or problems concerning the class or yourself. My box number is 2285 and I live on Morgan 3rd (RM. 337).

Sincerely,
Mark F. O'Neil

Newspeak

The student newspaper of Worcester Polytechnic Institute

Box 2472, WPI, Worcester, Massachusetts 01609

Phone (617) 753-1411 extension 454

graphics co-editors

Arthur Girard
Susan Wright
752-9809

editor-in-chief

Rory J. O'Connor
753-1411, ext. 464

acting photo editor

Ann-Marie Robinson
756-0249

Acting news-features editor

Steven B. Fine

news-features editor

Toby Gouker
757-1767

business manager

Fred Sowa
752-9371

advertising manager

Brian Belliveau
752-9371

circulation

Peter Wong
752-9371

faculty advisors

Paul Cleary
753-1411 x-547

Prof. Patrick Dunn
753-1411 x-584

photography staff

Greg Dunnells
Mark Hecker
Paul Lagace
John Moulton
Lewis Pettengill
Richard Prellasco
Jim Torrey

Sports Co-Editors

Rick Wheeler
756-4970
Gary Sowyrda
752-9371

Assistant sports editor

S'eva Lefemine

Staff this week

Jim Cook
Tom Daniels
Don Hamilton
Tina Tuffe
Marianne Wessling

Writers this week

Bake
Bang
Bo
Mark Cioffi
Coke
Tom Daniels
Paul Johnson
Mark Kelsey
Jim Miller
Tom Murray
Jeff Sleeman
Charlie Winters

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Letters: PIRG clarification

To the Editors,

This letter is intended to clear up several misconceptions expressed about Mass PIRG in a letter published two issues back.

The Massachusetts Public Interest Research Group is a non-profit student run and student funded organization. It is devoted to the social and political issues that concern students. For example, the Massachusetts Bottle Bill was a direct result of PIRG students' concerns about the environment and throwaway technology. Several other groups helped work for the bill's passage. As most of you know, it was narrowly defeated by a massive state-wide advertising campaign. Other areas in which the organization is currently working are nutrition, consumer protection, nuclear power plant safety and utility reform.

As far as the funding mechanism is concerned, this is the only organization on campus where you have a choice. Anyone who does not wish to fund Mass. PIRG simply checks off a box on his or her bill and sends in \$2.00 less than the stated amount. The funding is terminated at any time when a majority of the students choose not to give their financial support. This also ensures that no one is forced to

support an organization established here by students who have since graduated.

If everyone funded Mass. PIRG on both bills, this would amount to \$9060 a year (based on 2265 students). A more realistic figure is 60 per cent or about \$5400 annually. In any event, "\$16,000" is clearly impossible.

The annual budget, which is audited by a CPA will be published sometime this month. I suggest that anyone who wants a copy see Peter Rider in the Mass. PIRG office (IQP Center).

Peter is a Mass. PIRG staff attorney. WPI gets about 20 per cent of his time for organizing and advising student projects and activities. He is on campus on Thursdays between 10 and 2.

Having a chapter at WPI gives students with a technological background a chance to provide a voice in the organization. WPI students can obtain credit for working on PIRG projects either as an MQP, IQP or PQP. Anyone who might be interested in doing a project in one of the areas listed previously should stop by and talk to Peter. Also, anyone who has further questions about the organization can contact him or myself.

Chuck D'Ambra
Box 2303

IFC Corner: SAE

The brothers of Sigma Alpha Epsilon are pleased to announce the pledging of 19 freshmen: Herb Dunnington, Dan Hurley, Phil Spillman, Scott Wadd, Mike Jevak, Bob Grant, Ron Dutton, Kurt Dudley, Lib Vasconcelos, Ted Keilar, Brian Huntley, John Apostolou, Ed Johnson, Bob Edwards, John Kullas, Jeff Carter, Steve Korb, Pete Sharp, and Fred Wanat. We're sure that these guys will be excellent brothers.

SAE won the volleyball championship this year in a hard fought match against

F.I.J.I. The scores were 10-15, 15-7, 16-14; with SAE coming back to win the last two games.

SAE topped off the A term social season with a big Halloween Costume Party. The front of the house was made into a great pumpkin and the party room was decorated as a medieval castle. A Maple six pack won the costume contest. (Anybody know who that 6'5" gorilla was?)

Tom Murray
Jim Miller

Lambda Chi

The brothers of Lambda Chi are planning to hold their annual kidnap for Charity. On Saturday, November 20th, the brothers will dress up as gangsters and kidnap the Becker dorm presidents. The presidents are held prisoner until their ransom is delivered, the ransom consists of all types of non-perishable food, (which the Becker students collect in the Worcester area). This food is given to the United Way and

the Salvation Army for their food distribution program.

The kidnap officially begins at 1:00 p.m. on Saturday and the ransom period ends at 5:00 p.m. Although the kidnap involves the Becker dorms, the brothers urge any WPI students, professors or other people interested in helping out the underprivileged families in Worcester, to donate any non-perishable food they can spare.

Riley security discussed

An undisclosed man entered the Girls' shower on Riley second on Monday, October 18 and exposed himself to a resident who was taking a shower. She was not injured or abused. The man was seen again the following day and was seen by an RA in Riley who contacted security. The man was apprehended and released after interrogation.

The residents of Riley were greatly upset about the incident and circulated a petition demanding that something be done; specifically that locked doors be installed at

the ends of each corridor. About 75 per cent of the residents signed the petition, which was presented at a meeting between Assistant Dean of Student Affairs Pamela Shier and the female residents of Riley. Several security procedures were discussed, including alarms in the showers and locked bathroom doors. After another meeting it was promised that the locked corridor doors would be installed within four weeks. The approximate cost of this will be in the neighborhood of \$10,000.

No information as to the identity of the man or the victim has been made public.

S.A.M. discussion

The Society for the Advancement of Management is sponsoring a presentation by the Proctor and Gamble Paper Products Company, formerly the Charmin Paper Products Company, entitled "How to Choose a Company", on Thursday, November 11 at 4:30 p.m. in Higgins Lab 101. WPI alumni Joseph Dzialo and David

Lapre, employees of Proctor and Gamble, will discuss points to look for in a company such as type of work, location, and opportunity for advancement. They will also answer any questions after their half hour presentation. Seniors and juniors are urged to attend.

Mark Cioffi
Executive Member

Pub ripped off

by Rory O'Connor

An unknown burglar forced two doors inside the Goat's Head Pub early Friday morning, October 22, and made off with the electronic components of the controversial "Pub stereo system" installed one year ago. They were valued at about \$2300.

According to security and Pub management, the thief apparently hid inside the smaller Pub area until after closing. When the staff left, the burglar forced two doors to get to the system, and spent some time carefully removing all the connections from the various components. It is hypothesized that the person then proceeded through a third door that was not locked from the inside into the larger coffeehouse area and then left through one of the main doors. These were later found locked, as was the third fire exit, so it is suspected that the culprit had access to a key. A second tape

deck which was in a carton next to the stolen equipment was not taken. No other valuables in the Pub, including beer, were taken.

According to Social Committee chairman Bill Cunningham, it is not known whether the alarm system for the stereo was purchased, although the published budgets for the system show money was spent for one. Also, the "theft-proof" cabinet for the components was never totally completed, and no list of serial numbers is available at present, making recovery doubtful. Student Government is planning to look into the possibility of replacing the system through the social committee. In the interim, Lens and Lights will provide sound for Disco nights while the social committee seeks a temporary replacement for background music. It is not known when any of these plans will be implemented.

Classified Ads:

HI 2434 — History of Technology. Will the student who submitted his—her final paper for this course without a name on it please see Prof. Sokal? Perhaps then a grade can be recorded for you.

FOR SALE: Head Skis, Cubco Bindings, & Garmont Boots. \$50, Call Bill at 754-8557 or write Box 2358.

GOOSE DOWN back packing sleeping bag. \$85. Loft 7 1/2" and temperature rated to -5 degrees F. Bag weighs 3 lb. 4 oz. and has only been used twice. Call Alden Labs at 829-4323 and ask for Bruce Pennino.

SMOKERS NEEDED: Males, 18 to 24 years old, who smoke at least 20 cigarettes a day needed as participants in a Growth and

Development study. \$10 For 1/2 hour. No drugs or blood samples involved. Please call the Biology Department of Worcester State Hospital, 757-6934 for appointment or more information. No calls taken from 12 to 1:30 p.m. or after 4:30 p.m.

WANTED: Part-time job running microbiology tests with a Millipore system for yeasts, bacteria, and molds. Grad. or undergrad. student about eight hours per week. For information, call Prof. Alvin Weiss, at ext. 380.


WE'RE looking for "models" (girls with long hair) willing to have new style by experienced haircutters November 14 & 15. St. Cyr Cosmetics, 235 Park Avenue, 756-5182.

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The shelling of the President

by Tom Daniels

One of the closest elections in the history of the United States is now over. After the dust has settled, the balloons had all been popped, and the votes had been counted, there stood James Earl "Jimmy" Carter, showing off his famous smile, in victory. That smile will go down in the books as the very symbol of this election, overshadowing all of the issues, and indicative of the humor which managed to, now and again, poke its way through the gathering storm clouds of inflation and unemployment. Those flashing teeth are also a sign of relief from a man who, in the closing hours of his campaign, almost saw defeat grasped from the jaws of victory. Although the facts behind the story are still sketchy, at best, I can now reveal the little known story of how Jimmy Carter almost lost the Presidential race because of an innocent remark made right here at W.P.I.

Things had been relatively quiet over the term break, owing, of course, to the fact that many of the faithful had departed for their homefronts. Of those who begrudgingly stayed behind, there were generally two types: Those who welcomed the brief reprieve from the world of sines and cosines, and saw the break as a chance to catch up on their sleep, and those who saw the golden opportunity to catch up on raising any sort of hell that had been neglected during the previous seven weeks. Of the latter, there came to the Pub one fair night, a small, hard-core group who were determined to set the world endurance record for continuous partying at a college.

'Round about midnight, when the rest of his crew had all given their various toasts, praising everyone from Archie Bunker to George Hazzard, their leader rose, somewhat wobbly, to his feet. He raised his glass high, commanding, "Gentlemen, here's to the next President of the You-Ess-Ay, good ol' Jimmy Carter, our brudder injuneer!"

"Yes sir, that ol' 'Peanut Farmer' gag's O.K. for foolin' all the udders, but I got me a fren down at Gogle Tech, says Jim-boy done gradyeated from there way back. 'Ramblin' Wreck' all the way! And if he ain' a nuke on topa dat!"

All this jawing might have gone unnoticed, but there happened to be, sitting at a table within earshot of our friends, a

young cub-reporter from the Worcester Telegram, M.T. Page. The editors of our local journal, always in search of the hard hitting news, had sent M.T. out to do a story on what motivates the typical college student. Being a young fellow himself, Page had an inkling of what the answer to that question was already, and had gone directly to the Pub. By the time our friend had started to toast his hero, M.T. had had enough for his front page piece, but, something told him that herein was an even bigger story.

Upon returning to the paper, the budding sleuth made a few discreet phone calls to friends in Georgia, and eventually reached an earth-shattering conclusion: Jimmy Carter, that humble Southern dirt farmer who everyone could identify with, was, in fact, James E. Carter, Jr., professional nuclear engineer turned peanut processing millionaire! Here was a story that would scoop the country!

Rushing to his editor's office in jubilation, he brandished his copy in his fist, shouting, "Chief! Carter's not a farmer, he's an engineer! This'll cinch the election for Ford! Nobody'll vote for a guy who's smarter than they are!"

"Kid, will ya hold it down! We gotta get this here editorial on Mark Frydich done for the deadline. Take whatcha got over to the city desk."

Dejected, Page handed over his story to the City Desk Editor who, in turn, passed it along to rewrite, proofread and layout. Finally, in the next morning's edition, there appeared, on page twenty-seven, as a filler under the T.V. listings, a small item which stated that James Carter, candidate for the office of the President of the United States, was the only peanut processor in the world who was also a nuclear engineer!

Few of the faithful fans of the *Telegram* took notice of the small blurb, and it might have gone completely unnoticed if the local director of the President Ford Committee hadn't forgotten what time "The \$20,000 Pyramid" came on. The poor lady's husband was ready to have his wife hauled off to the "Funny Farm" when she charged through the kitchen, picked up the phone, and started shouting "Give me the White House!" into the receiver.

In Washington, Gerald Ford was in a meeting with his top strategy advisors, when Ron Nessen burst into the room,

saying, "Mr. President, there's some woman on the phone who claims to be your campaign manager in someplace called Woostah, or Worchester, or whatever. She keeps screaming something about Carter. She claims he's an engineer!"

"Ron, first let me say that the people of Worchester are free and autonomous, and are not dominated in any way by Communist-backed regimes. Secondly, let me state that it would be both unethical and backhanded to use such a vile rumor against my worthy opponent. I have no doubt that, even if this information were released, the voters of this great nation would look past any such accusation when choosing a man to govern them."

"Mr. President, according to Gallup, Harris, Roper, and Rosenski..."

"Rosenski?" asked Ford.

"My barber," continued Nessen. "As I was saying, all the leading pollsters agree that this sort of rumor could swing the election, 60-40 GOP!"

"As I have previously said Ron, all's fair in love, war and politics. Get Jack Anderson on the phone. I'll personally deny to him that Jimmy Carter is a nuclear engineer, which means, of course, that he'll splash exactly the opposite story on every front page in the country!"

Little did the President realize that he wasn't the only politician who had eyes and ears in Worcester. The phone in the depot in Plains, Georgia, was ringing almost simultaneously with its counterpart in the White House. Jody Powell, Carter's press secretary, took the call. He kept a poker-face, not wanting to alarm the volunteers present, but immediately grasped the seriousness of the news. Minutes later, he was in Carter's study, saying, "Jimmeh, if them fool Yankees get ahold of this heh news, we won't be able to get y'all elected dogcatcher!"

"Jody, ah believe that a man should be prepared to have the unexpected happen at all times. Before Ah announced that Ah would seek the nomination, Ah knew that someday, someone would tell ol' Gerry that Ah was really an engineer. Ah'm not the only one with a skeleton in my closet. Get

me the White House on the line. Gerry's a good ol' boy, so maybe Ah can "persuade" him to keep this undah his hat."

Back in D.C., Ron Nessen was telling the President, "The operator says it's a long distance from a Georgia area code."

"Alright Ron, I'll take it on my private line," said Ford, reaching for his telephone.

Those gathered in the Oval Office watched the President's expression change almost instantly into a look of sheer horror, as if he had seen the ghost of Richard Nixon in the room.

"Mr. President, what is it?" cried Nessen. When Ford showed no sign of movement, the press-aid grabbed the receiver from the Chief Executive's hand and pressed it to his own ear.

"But, it's only some kind of marching music, with people cheering in the background!"

Finally regaining his ability to speak, Ford said, "Ron, you don't understand. That's not just any music, that's the Michigan fight song. I'm finished, Ron, if he lets out that little secret of mine. People would find out that I'm not the lovable, stumbling clutz that they think I am. Whose gonna vote for a former All-American football captain that graduated Phi Beta Kappa from law school?"

Getting back his composure, he took the phone from Nessen and said, "Alright Jimmy, kill the music. I promise that I won't tell anybody that you're an engineer if you keep quiet about my being an athlete and a lawyer."

"Y'all got yo self a deal," said Carter, once again smiling with assurance, knowing that nothing else could go wrong now.

The rest, my friends, is history. Now, instead of a Ford, we've got a nuke. The kind of a guy who gives you the facts, if you'll pardon the expression, in a nut shell. At least now, when our new President wants to take some time out from an endless barrage of visitors and reporters, he can leave a simple sign on the door of the Oval Office:

GONE FISSION

Police blotter

On Tuesday, October 12, 1976 at 9:30 p.m. a student called from Daniels regarding a fire extinguisher being stolen; and was seen going east on Institute Road — Officer contacted to check but was unable to locate subject.

On Monday, October 18, 1976 a student reported that on sometime Sunday night the roof to her car was slashed and also an 8 track stereo tape deck removed from the trunk — Car was parked in Hackfeld Road.

On Monday, October 18, 1976 at 8:30 a.m. called from second floor Riley regarding a man being in the girls shower room this morning. This occurred about one hour earlier. One of the girls could give a description of him.

On Monday, October 18, 1976 at 12:10 p.m. a student reported the theft of four hub caps from his Pickup truck while parked on Hackfeld Road.

On Monday October 18, 1976 at 2:15 p.m. a student reported to Campus Police that he and another student had been assaulted on 10-15-76 at about 1:15 a.m. This happened on Institute Road. Believes the persons who assaulted them were WPI students also.

On Tuesday October 19, 1976 RA from Riley called reporting a man wandering around the building — matches description of person who had been in the shower room yesterday. Officers checked around Riley and located him and got all info necessary.

On Tuesday October 19, 1976 a student reported the theft of four hub caps — parked in Library Lot.

On Tuesday October 19, 1976 at 4:15 p.m. a student called re two youths letting

oil of motor vehicles in the Library Lot. Offs. located the two young boys doing this.

On Wednesday October 20, 1976 Joe Gale reported the larceny of different parts and tools from the Weld Lab. Valued at about 165 dollars.

On Friday October 22, 1976 assistant manager of the PUB reported the larceny of stereo equipment from the office area of the PUB.

On Sunday October 24, 1976 at 11:45 a.m. reported that he had just discovered that there had been a break into his sun porch and items valued at approximately \$75.00 taken.

On Thursday October 28, 1976 at 9:00 a.m. Off. Supernor advised that a water pipe had broken a few hours earlier in Room 218 at the Atwater Kent building — A large pit had filled up with water and spread to the lounge and work area. — WPI personnel were cleaning up.

On Friday October 29, 1976 at 5:05 a.m. a student reported his car had been stolen from the Olin parking lot — stolen sometime between 7:00 p.m. on 10-28-76 and 5:00 a.m. on 10-29-76. He will contact Worcester PD regarding this. Car was a Dodge Swinger Mass. Reg. Y-21-899.

On Friday October 29, 1976 at 11:15 a student who had been assigned to SC 117 for 8 term reported that someone was using his room, which had been vacant all term — Officer found a young couple there who claimed to be a guest of an unknown student on the second floor. They had entered by twisting the cylinder in the lock. They both left the area.

The Center for Educational Research and Development cordially invites

all WPI faculty, administrators, and students to hear

DR. HARVEY J. BRUDNER
engineer, physicist and former president
Westinghouse Learning Corporation

on
THE IMPACT OF TECHNOLOGY ON LEARNING
Gordon Library Seminar Room
Thursday, November 11, 1976
at 4:05 p.m.

Dr. Brudner will be available on Friday, November 12, 1976 in the Gordon Library Archives Room to discuss the following topics in smaller groups open to all members of the WPI community.

FRIDAY, NOVEMBER 12, 1976

9:00-10:00 a.m. — Computer Managed Instruction
10:00-11:00 a.m. — Personalized Instruction
11:00-12:00 noon — Accountability
noon-2:00 p.m. — lunch with the Curriculum Committee
2:00-3:00 p.m. — Cost Effectiveness
3:00-4:00 p.m. — Teacher Effectiveness

ATTENTION

There will be a Placement Seminar Meeting for Graduating Students at the Morgan Dining Hall on November 29, 1976 at 7:30 p.m. for all those who wish to attend. As in the past, recruiters and—or alumni will be invited to attend as guest speakers.

URGENT

NEED FOR USED HISTORY TEXT

Carroll W. Pursell, Jr. **READING IN TECHNOLOGY AND AMERICAN LIFE** (New York, Oxford University Press, 1969) paperback. (Previously used at WPI for HI 3421 and HI 3431)

Due to a publisher's error, LESS THAN HALF of the total number of copies of this book needed for Term B are being shipped to WPI. If you have a used copy of this book, and if you do not need it, you will be doing both yourself and one of your classmates a favor if you will make it available for sale via the APO Book Exchange. (Details of this Exchange appear elsewhere in this issue.)

2nd Semester Emergency Loan Applications Now Available!

Worcester Polytechnic Institute Loans and National Direct Student Loans!

Applications will be available on Monday, November 1, 1976 in Higgins House,

Room No. 211. Deadline for return of applications is: December 1, 1976.

News from Dean Grogan

by S.B. Fine

This year's schedule for B term will be quite a bit different from last year's B term. There will be classes the day before Thanksgiving, Wednesday, November 24. This is because Labor Day was so late this year. The administration had a choice between starting school a week before Labor Day and compressing B term. They chose to compress B term. Unfortunately the compression of B term results in many more Wednesdays in class than Fridays. Thus the last day of the term Wednesday December 22 will run on a Friday schedule. Dean Grogan realizes that this schedule switch will cause confusion but it is necessary so that Wednesday labs will have enough time to finish.

In addition to the schedule changes Dean Grogan has announced a new policy on deferred grades. In the past deferred grades were given for all projects which were signed up for but not finished. This policy has led to abuse. Some students have signed up for a project and done nothing on it all term. When they finally do finish the project, the deferred grades are changed to the mark given for the project. This includes the term that the student did no work. Thus the student gets credit for a term for which he did no work. From now on the deferred grade will only be given when progress or effort is being made on the project. Progress is not necessary. Anyone who has worked on a project knows that one can put a tremendous amount of work in a project that just does not work. The student should and will receive credit for this work. But for the students who do not put effort into a project in a term, there will be several alternatives. If there is an agreement to

drop the project due to illness or something like that the student will receive an NR. If the student has failed to meet his commitment to the project especially when the other student's and faculty member's commitments have been made, then the student will receive an NAC which will appear on his grade report. If the student finds that he cannot handle a qualifying project level yet, the qualifying project can be changed in status to a prequalifying project. And the last alternative is for the student to change the one-third unit credit of his project to one-sixth unit if the student finds that he cannot put the time into the project worthy of one-third unit.

There will also be a changing of the class year system as of the end of B term. Previously class year was designated as entering day plus four years. Now the system will be modified. A student must have eight units or more to be designated as a senior. A student must have at least 16-3 units to be designated as a junior, at least 8-3 units to be designated as a sophomore, and anyone with less than 8-3 units will be designated as a freshman.

This is to prevent the deceiving of the students by the present class year system. A member of the class of '77 under the present system who has only two units is fooling himself if he thinks he can graduate with his class. As a matter of fact he will probably not be able to graduate for another four years. The new class year system will make this a little more obvious to him. The student will know he is in trouble. This will not affect many people and will help some people who have many units of work. It will reclassify a junior with eight units of work as a senior.

Intersession Registration Forms are due

at the Daniels Hall Mailroom Window by

4:00 p.m., Wednesday, November 10.

Do you want to meet a technical humanist? Do you want to see science fiction movies for free? Do you want to get a chance to talk to an established science fiction writer who also is a scientist and engineer? If the answer to any of these questions is yes, then sign up for Technicon V WPI's own science fiction convention. It is in B term of Intersession. Sign up for it now!

VIDEOTAPE and PROJECTS

Students planning to use videotape in their IQP or MQP should consider registering for B758 Videotape Workshop during Intersession 1977. Videotape Workshop is designed to familiarize students with all aspect of videotape production and prepare students for projects utilizing videotape. Contact Prof. Ken Scott in the TV studio for more information.

C 775 — UFO's: Is anyone out there? (J. P. O'Rourke)

GENERAL DESCRIPTION: The course is developed around a color and sound film series offering a mind opening array of science facts, realistic speculations and human issues. The approach is documentary. The subject matter, including basic content, up-dates the newest textbooks. Rare color photographs of stars, nebula and solar systems, vividly show the physical characteristics of the universe including specially designed illustrations as well as extraordinary photographs of UFO's.

PURPOSE: To make an attempt to determine the validity of the UFO phenomenon.

Date: Jan. 26-28, 1977.

Time: 9-12, 1-4 p.m.

By request, the Intersession course, MECHANICAL ACTION PIPE ORGANS, will be offered again this year for all three sessions. It will be under the direction of Mr. Alan Laufman, President of the American Organ Historical Society and President of the Organ Clearing House. This course will feature the installation of a tracker action organ in the central Massachusetts vicinity.

SOCIETY OF FIRE PROTECTION ENGINEERS

is having a Chapter Meeting
Thursday, Nov. 11 at 7:30 p.m. in HL101

Guest Speaker is Rexford Wilson — President of Firepro

Topic will be Fire Investigation
Membership will also be taken at this meeting

Parents Day

PROGRAM OF THE DAY, NOVEMBER 13, 1976

- 9:00-10:00 — Registration for Parents, Coffee and Donuts, Salisbury Foyer.
9:30-10:00 — Musical Selections by "The Baker's Dozen", Kinnicutt Hall, Salisbury.
10:00 — Dr. George Hazzard, President — Greetings, Kinnicutt Hall, Salisbury.
10:30 — Informal Question and Answer Sessions
— Dr. George Hazzard, President, "WPI TODAY", Salisbury 105.
— Dean John van Alstyne, Dean of Academic Advising Professor David Fraser, Chairman, Committee on Academic Advising "THE WPI PLAN", Kinnicutt Hall.
— Mr. Edgar Heselbarth, Director, Financial Aid; Dean Donald P. Reutlinger, Dean of Student Affairs, "FINANCIAL AID", Salisbury 123.
10:30-1:30 — Meetings with Academic Advisors if previously scheduled.
11:00-12:00 — "HOW GRADUATE STUDENTS EVALUATE THEIR UNDERGRADUATE EDUCATION AT WPI", Salisbury 104.
— Jay J. Schnitzer, '73, MIT & Harvard Medical School.
— Jon T. Anderson, '76, Yale Law School
— Leonard J. Brzozowski, '74, Amos Tuck School of Business Administration, Dartmouth.
11:00-12:00 — "HOW INDUSTRY LOOKS AT THE WPI PLAN AND ITS GRADUATES", Salisbury 121.
— Karen Hammer, Supervisor, College Relations, Koppers Co., Inc., Pittsburgh, PA.
— Arthur Pingatore, Director of Training Cincinnati-Milacron-Heald Co., Worcester, MA.
— Richard Sojka, '72, Department Head of Production, Clairol, Stamford, CT.
11:30-1:30 — Lunch continuously being served, Morgan Dining Hall.
1:00-1:50 — "THE USE OF INSTRUCTIONAL TELEVISION AT WPI", Higgins
— Television Studio (Limited to 36 participants)
— Kenneth Scott, Director of Instructional TV, Professor, Mechanical Engineering
1:00-1:50 — "SYNTHESIS OF LIFE", Salisbury 104.
— Dr. James F. Danielli, Professor and Head, Life Sciences.
2:00-2:50 — "GAME THEORY" — Intersession Preview, Salisbury 123.
— William Seaman, Assistant Professor Mathematics
2:00-2:50 — "RELIGION AND SCIENCE" — Intersession Preview, Salisbury 121.
— Bruce Langdon, Assistant Professor of Religion; Malcolm Parkinson, Assistant Professor of History.
3:00-3:50 — "PROJECT ACTIVITY AT ST. VINCENT HOSPITAL INTERNSHIP CENTER AND THE UNIVERSITY OF MASS. MEDICAL CENTER", Salisbury 104.
— Robert Peura, Associate Professor, Electrical and Biomedical Engineering, Acting Director, Biomedical Engineering.
3:00-3:50 — "WASHINGTON PROJECT CENTER", Salisbury 105.
— Frank Lutz, Director Washington Project Center, Associate Professor, Civil Engineering
3:00-3:50 — "AN INTERPRETATION" presented by the WPI Masque, Alden Hall.
4:00 — Stage Band Performs in the Pub, Riley Basement.
9:00-9:00 — MASSACHUSETTS ASSOCIATION OF INTERCOLLEGIATE ATHLETICS FOR WOMEN STATE VOLLEYBALL CHAMPIONSHIP TOURNAMENT IN HARRINGTON GYM. — Admission \$1.00.

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Environ Air pollution

by Mark Kelsey

Today, air pollution affects us by harming our health, killing plants, and damaging property. We cause air pollution by pouring tons and tons of gases and particulates into the air. There are many kinds of air pollution: Sulfur dioxide, nitrogen dioxide, carbon monoxide, hydrocarbons, sulfuric acid, particulates, and mercury.

Air pollution has many effects on us and our environment. Sulfur dioxide harms the respiratory systems of human beings and animals. Nitrogen dioxide harms our respiratory system and damages plants. Carbon monoxide causes headache and dizziness while hydrocarbons and sulfuric acid injure plants and corrode metals. Also,

particulates hinder breathing, reduce visibility, and affect climate while mercury harms our nervous system. Also, many of these pollutants corrode steel, concrete, and marble structures.

One of the most common forms of air pollution is smog. Smog usually forms over large, industrial cities when a *thermal inversion* occurs. In a thermal inversion warm air settles over a layer of cold air near the ground and prevents pollution from rising and scattering. Smog can, over a long period of time, cause illness and increase death rates dramatically.

Therefore, I must conclude that new methods of pollution control are needed and that air pollution regulations must be further enforced in the future. Presently,

we rely on such devices as SO₂ scrubbers, mechanical collectors, electrostatic precipitators, fabric filters, and catalytic converters to control air pollution. However, these devices only remove the large particles from the air, they don't remove small particles and gases. I believe that further research and development is needed in the area of pollution control if we are to stem the increase in air pollution for the future. Presently, we are in a period of time when we must find alternative sources of energy while developing them carefully to ensure that environmental pollution is minimized.

Source: "Environmental Pollution" rpt. World Book Encyclopedia, 1972 edition, pp. 260c, 260d, and 260k.

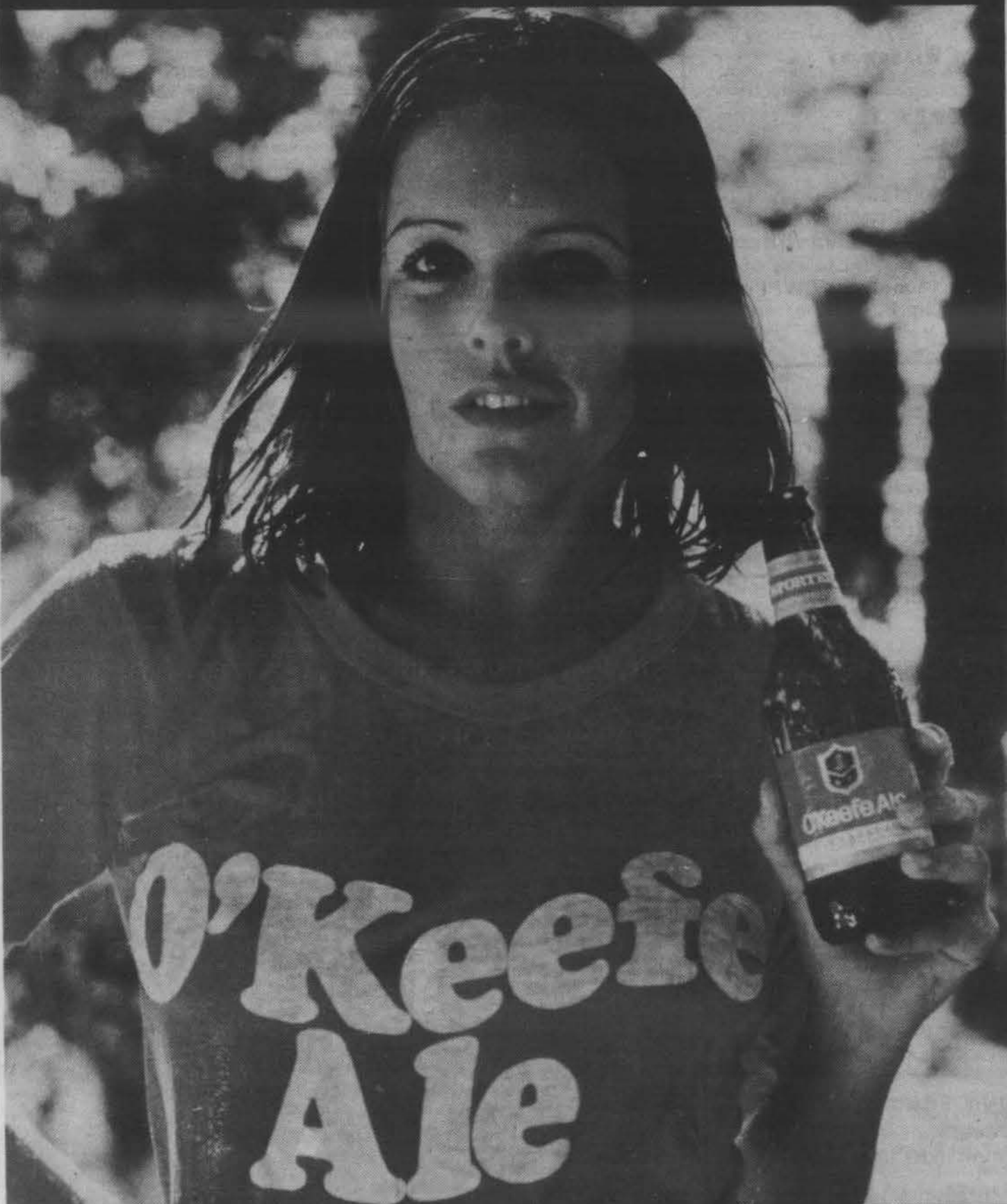
INTERSESSION COURSE BOOKS

The entire WPI community's attention is called to the fact that the WPI Bookstore does not automatically order intersession texts in anticipation of unknown numbers of students. As per page 6 of the catalog, "All students must order their books at the Bookstore by December 15.

Due to the holiday season shipments through the U.S. Postal Service may be slow. Therefore, it is strongly suggested that students order whatever texts they may require at the earliest possible time.

As of this writing, a limited number of books are in stock for the following courses: A736, A746, B745, B760, A772, C772. A non-returnable deposit of \$2.00 will be required when ordering texts not in stock.

Canada wet.



O'Keefe Great Canadian Ale.

100% Canadian. Imported by Century Importers of Buffalo.

Xmas mail

YULE MAIL DEADLINES LISTED

The U.S. Postal Service has listed the following deadlines for holiday parcels and greeting cards to military personnel and civilians overseas.

These are the dates:

Oct. 25 — International surface greeting cards to the Far East.

Oct. 28 — Surface mail to armed forces in Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, the Philippines, Taiwan and Thailand.

Nov. 1 — Surface mail and space-available mail parcels to armed forces in Ethiopia, Iran, Israel, Saudi Arabia and Turkey.

Nov. 4 — International surface greetings cards to Africa and the Near East.

Nov. 8 — Parcel air lift parcels to armed forces in Ethiopia, Iran, Israel, Saudi Arabia and Turkey.

Nov. 11 — Surface mail and space available mail parcels to armed forces in South and Central America, Liberia, and Republic of Zaire. Surface mail to armed forces in Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal and Spain. International surface parcels to South and Central America and Europe.

Nov. 18 — Parcel air lift parcels to armed forces in South and Central America, Liberia and Republic of Zaire.

Nov. 20 — Space available mail parcels to armed forces in Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal and Spain.

Also Nov. 20 — Space available mail parcels to armed forces in Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, the Philippines, Taiwan and Vietnam.

Nov. 25 — Surface mail and space available mail parcels to armed forces in Canada, Greenland, Labrador, Newfoundland and the Azores.

Nov. 27 — Parcel airlift parcels to armed forces in Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal and Spain. Parcel airlift parcels to armed forces in Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, the Philippines, Taiwan and Thailand.

Nov. 30 — Surface parcels to Alaska and Hawaii. Letters to armed forces in South and Central America; Ethiopia, Iran, Israel, Saudi Arabia, Turkey, Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, the Philippines, Taiwan and Thailand.

Term B Textbooks

are now available

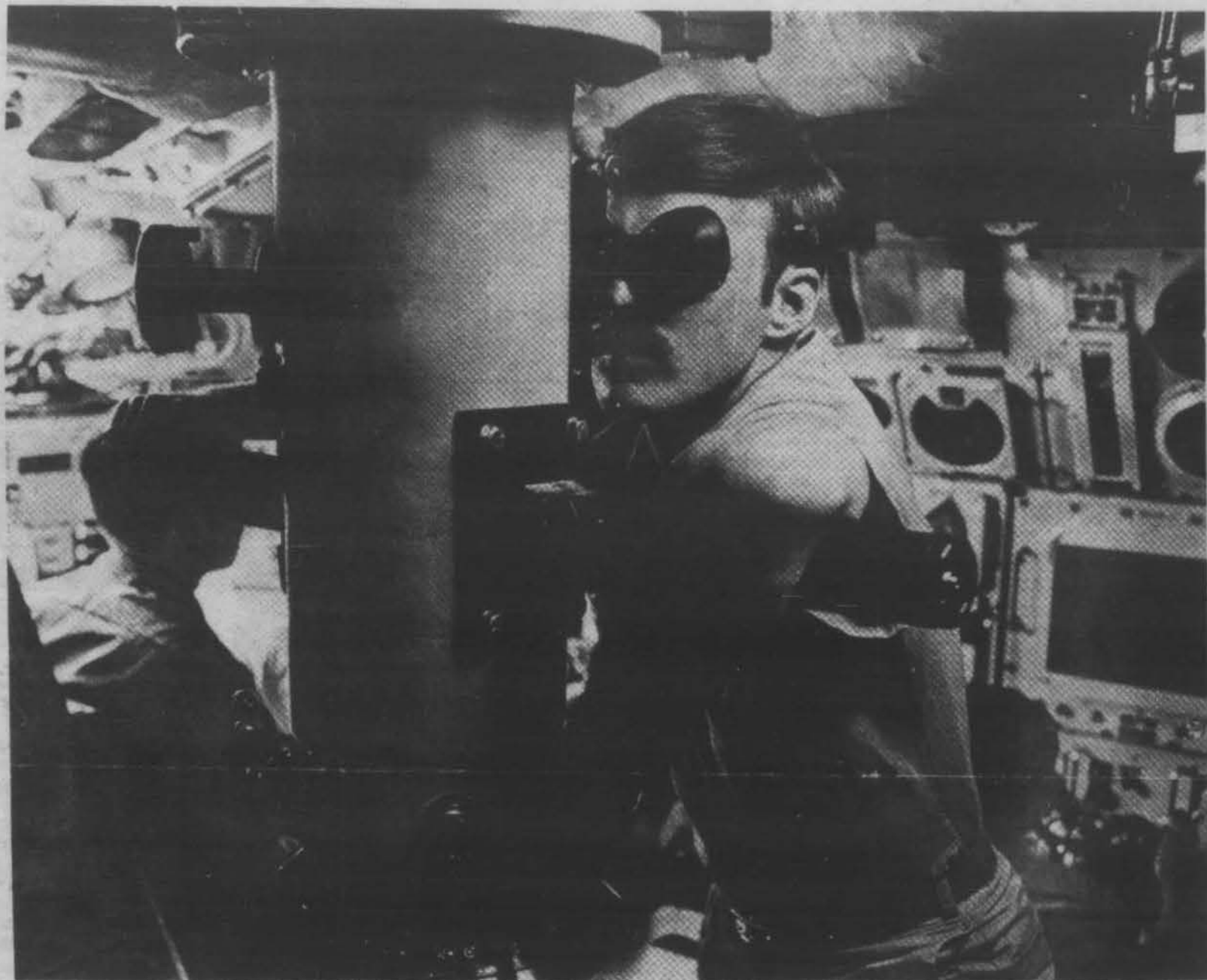
at the

BOOKSTORE.

As always, we suggest that students do not purchase texts unless they are certain they are enrolled in the specific course.

Inasmuch as we have no valid population information for graduate courses, we urge those who are certain that they will take a grad course to sign up for those titles not found on the shelves so that re-orders can be made at an early date. For course CH 516, two copies only are on hand and additional copies will not be available from the publisher until mid November.

RE: CE 2001 — The Bookstore has carried over the remaining 10 copies of: Norris Elem Structural Analysis from term A. No additional copies will be available from the publisher. And any copies on hand as of November 26 must be returned to the publisher.

**WOMEN****WOMEN**

Take Command of Your Future

The OPPORTUNITY TO BE A COMMISSIONED OFFICER is available to all qualified students. The Navy is currently accepting applications for a variety of interesting and challenging OFFICER positions for COLLEGE STUDENTS with different academic backgrounds. YOU may have what it takes to qualify for: NUCLEAR POWER, NAVAL AVIATION, NAVY LINE OFFICER, NAVAL SUPPLY CORPS, CIVIL ENGINEER CORPS.

**TALK TO THE NAVAL OFFICER INFORMATION TEAM
at the STUDENT LOUNGE**

Thursday and Friday 11 & 12 November 1976

from 9:00 A.M. to 4:30 P.M.

MEN**MEN**

African collection at Art Museum

The major fall exhibition at the Worcester Art Museum will be "The Sculptor's Eye: The African Collection of Mr. and Mrs. Chaim Gross." It is the first public showing ever held of the internationally known private collection and will be on view November 5-January 2. The exhibition of 185 selected objects was organized in conjunction with the Museum of African Art, Washington, D.C., and its director, Warren M. Robbins. The exhibition is having its premier in Worcester and will not be seen elsewhere in the Northeast. The installation was supervised by Associate Curator James A. Welu.

Some of the greatest 20th-century sculptors were among the first to recognize the exotic symbolism and creative inspiration of African art over 70 years ago, among them Julio Gonzales, Archipenko, Lipchitz, Jacob Epstein, and Henry Moore. Like them, the noted contemporary American sculptor, Chaim Gross, was fascinated by the rich heritage of African art. His collection spans 40 years and numbers more than 1,000 pieces as well as 6,000 tiny goldweights.

Those who view "The Sculptor's Eye" will not find these handsome pieces as unfamiliar as they might have seemed 50 years ago, for the language and rhythms of African sculpture can be traced in the work of modern geniuses such as Picasso, Paul Klee and George Braque. These sensitive artists recognized new and significant aesthetic principles, based on philosophies different from our own but equally important.

Museum members and guests will preview "The Sculptor's Eye" on Thursday, November 4, when Mr. Robbins will speak. A native of Worcester, he is the founder and director since 1964 of the Museum of African Art. He is one of the country's leading authorities and exponents of African art and sculpture.

On Saturday, November 6, a day-long symposium on "The Art and Culture of Africa" will be held at the Worcester Art Museum. The four guest speakers are

Professors Jean M. Borgatti, Center for African Studies, University of Florida; Douglas Fraser, Columbia University; Perkins Foss, Dartmouth College; and George Preston Nelson, City College of the City University of New York. Professor Nelson will discuss the Chaim Gross Collection itself as an outstanding example of taste and connoisseurship. Registrations at \$10 for Museum members and \$15 for non-members may be made at the Education Division.

According to Mr. Robbins, the concept of most Americans that African art is crude and childlike is in itself a primitive notion. Africa has actually produced a strong art reflecting great aesthetic feeling as well as technical skills. He has written: "What is to be found in African art if we learn to perceive it is an insistent creative force, the power to evoke emotion, disciplined stylistic traditions, a remarkable degree of artistic technique and skill, and a most subtle use of abstraction to convey symbolic meaning."

Eleven African nations which include some 40 tribes are represented in the exhibition. Grouped on the west central coast of the giant continent, they are Mali, Upper Volta, Guinea, Sierra Leone, Liberia, Ivory Coast, Ghana, Nigeria, Cameroon, Gabonese Republic, and Zaire. Each tribe has its own rituals and heritage, conveyed in the styles and symbolism of sculptured pieces like head-dresses, shields, spears and fetish figures. Boxes, musical instruments, jewelry and goldweights are also included, with intricately woven textiles making colorful background motifs in the exhibition galleries.

Chaim Gross

Born in Austria, Chaim Gross came to the United States in 1921 at the age of 17. A sculptor and watercolorist, his work is in The Metropolitan Museum of Art, Whitney Museum of American Art, Newark Museum, The Museum of Modern Art, and numerous other public and private

collections. His bronze "Bird's Nest" owned by the Worcester Art Museum is among the most popular works in the sculpture gallery. He has taught at the New School and The Museum of Modern Art, and is a founding trustee of the Museum of African Art. His recognition and appreciation of the techniques of anonymous African artists is manifest in his wood sculptures in the western tradition. A single piece of wood is used in both styles, and the African influence can be seen in Gross's own elongation of the body, flattening of planes, and sharply defined edges.

African Art as Language

For the people of Africa their art is a language which speaks in sculptural rather than written form. The ritual symbolism inherent in each work has been passed down for hundreds of years as the continuing expression of a community culture. The richly varied imagery conveys spiritual authority and protection from evil; aids healing of the sick; and serves to enhance the status of tribal leaders; or serve as entertainment. African objects in metal, ivory, terra cotta, or soapstone are older than those of wood, which deteriorates rapidly from the ravages of the climate. But although wooden pieces are repeated, each new carving continues the traditional expression.

An illustrated catalogue of the exhibition published by the Museum of African Art with text by Arnold Rubin is available in the Worcester Art Museum Shop. Free guided tours of "The Sculptor's Eye" are offered by Museum docents and may be arranged in advance at the Education Division. The Worcester Art Museum is open Tuesday through Saturday 10 a.m.-5 p.m. and Sunday 2-5 p.m. It is closed Mondays, Thanksgiving, Christmas and New Year's Day. Admission is free to members; non-members \$1; 50 cents for those over 65 and under 14, children under 5 free when accompanied.



"Staff of Shango" in wood — part of the Chaim Gross collection.

HILLEL MEETING

Thursday, November 11

8:15 p.m.

Gordon Library
Seminar Room

Elections, plans for a dinner and a discussion will follow.

Influenza Virus Vaccine Bivalent available at Health Office Monday through Friday 10:30-12:00 p.m. and 1-5 p.m. Cost: \$2.00 per injection.

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- Potato Chips etc.



★ Budweiser Beer

Half Barrel .. **25⁸⁰** Plus Dep.

★ Falstaff Beer

Tapper Kegs **7⁹⁹** Plus Dep.

★ Michelob Beer

Half Barrel .. **32⁸⁰** Plus Dep.
Quarter Barrel **17⁹⁵** Plus Dep.

★ Miller Beer

Half Barrel .. **24⁵⁰** Plus Dep.

★ Narragansett Beer

Half Barrel .. **23⁹⁵** Plus Dep.
Quarter Barrel **14⁹⁰** Plus Dep.

★ Schlitz Beer

Half Barrel .. **25⁸⁰** Plus Dep.
Quarter Barrel **16⁹⁰** Plus Dep.

Barrel Beer ALWAYS Available



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Plenty of Free Parking
in The Food Village lot.

Store Hours: 9am to 10pm Daily

Glee club news

by Charlie Winters

The women of the Smith College Choir will be joining the men of the WPI Glee Club for a concert next weekend. The two groups will present Bach's Cantata No. 106 "Gottes Zeit ist die Allerbeste Zeit" and "Sancta Maria" along with separate works of their own. The concert will take place in Alden Hall at 4:00 p.m. on Sunday, November 14.

Of special interest to concert bugs are the male soloists for Cantata No. 106. Rodney Gitsick is a baritone who graduated from the New England Conservatory of Music. He has performed in the Mid-West and more significantly, here in New England with organizations such as the Springfield Symphony. Last spring he directed and sang the title role in a production of Britten's "Noye's Fludde" at the Madison Avenue Presbyterian Church in New York City. As a result of this production, Rodney Gitsick has been asked to take the same part in another production of Britten's piece in Heidelberg, Germany this fall. Finally, his teaching experience includes Elms College, U. of Mass-Amherst and Amherst College. He presently gives private lessons at his voice studios in Amherst and Boston. Known locally as the tenor soloist for the First Unitarian Church in Worcester and he is presently performing mass at St. Peter's Church. Beside his duties as a soloist, he is presently enrolled in Anna Maria College.

"Art can be had"

"Art Can Be Had" for a price, a modest price. "Art Can Be Had" is the title of an exhibition and sale of works by students of the School of the Worcester Art Museum. A variety of works in all media will be on sale in the Higgins Education Wing beginning November 9 through December 16.

For the duration of the sale the Higgins Wing will remain open Tuesday through Saturday from 10 a.m. to 4 p.m.; and Sundays from 2 to 5 p.m. Normally, the Wing is not open to the public on weekends.

European Tour

Are you tired of nothing to do during January? Do your feet get wet and then freeze as you slog through the slush on the WPI campus? Do you have a longing to romp in the real thing instead of wearing rain gear in the middle of January? If this is your plight then rediscover winter by joining a tour of Austria and Germany. The WPI Glee Club and the Regis College Choir are going on tour in Munich, Innsbruck, Salzburg and Vienna. The tour will have stopovers of three and four days in each city. The tour is organized during Intersession from January 17-31 and will cost \$675 for anyone who would like to go. Further information and an itinerary can be solicited by writing Glee Club, Box 2517.

Wind Quintet Organizing

Wind players are needed to fill the positions in a Wind Quintet which is organizing on the inter-collegiate level. For auditions call Ms. Granquist at 793-7349. The positions to be filled are Flute, Oboe, Clarinet, Bassoon, and French Horn.

Casino-Cabaret Night

The Regis College Father's Club is sponsoring a Casino-Cabaret night tonight November 9 from 8:30-12:00 p.m. To get there take route 9 East to route 30 and continue going east to Wellsley Rd. Take a left and Regis College will be half a mile on the left.

A cash and carry policy will apply for the sale. All works will be priced under \$100. Prices of works are being kept low to encourage holiday gift sales. Some years ago students organized an annual holiday show, but this is the first in five years.

Visitors to the sale may use the Lancaster Street entrance to avoid the admission charge. Should they, then, wish to enter the rest of the Museum, admission will be required.

Hiroshige landscapes

The second of three exhibitions of landscapes by one of Japan's greatest printmakers, Ando Hiroshige, will be shown at the Worcester Art Museum October 19 - December 12. Born in 1797, Hiroshige produced hundreds of prints before his death at the age of 61. His poetic landscapes hold as much charm today as when they were created, with their views of mountains and rivers, famous travel routes throughout the islands, rice fields, cherry trees in bloom, temples and pagodas, bridges and fishing boats, and activities like washing clothes by a river, gathering wood, picnics, outings and village market places.

The new exhibit continues a chronological series covering two centuries of the Japanese print known as *ukiyo-e*, its subjects drawn from everyday life. The showing is the thirteenth in the series on the color wood block print, drawn com-

pletely from the Museum's famous John Chandler Bancroft Collection. Alice Mundt, Curator of Japanese Prints, has arranged the series and prepares explanatory materials for each exhibit.

Hiroshige was one of the last great figures in *ukiyo-e* printmaking, particularly noted for his effective use of color. He and his predecessor, Hokusai, were preeminent in landscape among all the brilliant artists of the *ukiyo-e* school. In the 19th century, the Japanese people were inveterate travelers throughout their beautiful island country, and views of scenic attractions became extraordinarily popular both in individual scenes and in series. The exhibit includes some of Hiroshige's most famous prints from well-known series such as "One Hundred Views of Edo," "Famous Places of the Eastern Capital," and "Six Tama Rivers in the Home Provinces."

James J. Mapes

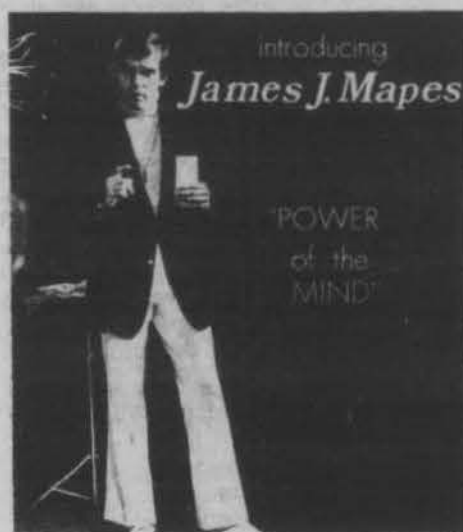
James J. Mapes was born and raised in Zion, Illinois. The son of farming parents, he first realized his sensitivity to the "Power of the Mind" at the early age of eleven. Realizing he could often anticipate events before they would occur, he soon found himself preoccupied with consciously predicting things to come. To the surprise of everyone but himself, they almost always came true. Throughout high school he studied case histories of people with similar powers and strived to perfect his own.

James J. Mapes has not only established himself as a dynamic entertainer, but as an avid exponent of hypnotherapy as well. In addition to his own practice, he has worked with members of the psychiatric and medical professions. Mapes himself has a Masters Degree in Psychology and is deeply involved in meditation. He's presently authoring his first book — "Power of the Mind-A Handbook."

A seasoned performer in all media, Mapes also holds a Masters Degree in the Theatre Arts and has appeared on stage, TV, radio and films.

Performances: I.B.M., Westinghouse Corp., U. California, Fairleigh-Dickenson University, County College of Morris, N. J., Connecticut College and others.

TV & Film: Mike Douglas Show, Star Trek, Mod Squad, Mission Impossible, The Taking of Pelham 1, 2, 3, Gunsmoke and more.



Class of 1978 presents
JIM MAPES
Tuesday, November 16th.
12:00 noon in the wedge —
informal teaser and 8 p.m. in Alden
— performance.
Admission 50 cents
Twenty students will be hypnotized
as part of the evening program.

Jazz pianist

On Saturday, November 13 at 8 p.m., a very special performance will take place at Sanders Theater in Cambridge. Barbara Carroll, one of the foremost jazz pianists in the United States, will be on stage, showing her unequalled skill at the keyboard. She plays with what John Wilson of *The New York Times* has called, "seeming effortlessness" and shows "a wild delight in her music" that has endeared her to critics and audiences alike. Eminent jazz critic Leonard Feather called her music "sensitive" and "adventurous" while noting that she "was the first musician of her sex to execute, with complete confidence and uncommon competence, the type of jazz known as bebop." The late Duke Ellington once insisted on bringing Ms. Carroll out of the wings during his concert and introduced her by saying, "This lady plays the piano the way I wish I could play."

Born in Worcester and a graduate of the New England Conservatory of Music, Barbara Carroll quickly became a favorite in New York jazz clubs when she moved there in 1947. A prolific recording artist, she released more than fifteen albums in the 50's. During this time she made extensive, international and college tours. After her marriage in 1960, Ms. Carroll went into retirement. Starting in 1972, she made a gradual return to the night club and concert stages. She was chosen to entertain the VIP audience at Hubert Humphrey's sixtieth birthday party.

Reviewing her in a solo concert at the Los Angeles Music Center, Leonard Feather indicated that this performer's magical touch had not diminished despite the years of inactivity. He observed that, "The Carroll style is compounded of East Side delicacy, powerful shows of superbop technique, delightful altered harmonies in the left hand, and improbable intervals in the right..." Her two recent concerts at Town Hall in New York were

met with glowing reviews. After a concert in a large auditorium in San Francisco, a critic branded Ms. Carroll's style as "heroic jazz." She has gained a national following as a result of her appearances on "The Today Show," "The Tonight Show," "The Dinah Shore Show" and "The Mike Douglas Show."

In addition to such appearances, Ms. Carroll has recently been seen in night clubs throughout Europe and the United States. She has appeared in front of the sophisticated audiences that frequent such posh clubs as the Rainbow Grill and the Carlyle Bar in New York, the Ritz-Carlton Hotel in Chicago, and Ronnie Scott's in London. Proving that her appeal is not limited to an older, conservative audience, Ms. Carroll enjoyed tremendous success at The Cookery, at Hopper's and at Mikell's, clubs famous for their swinging, young audiences. Her musical diversity can also be seen in her compositions. A prolific composer, her pieces run the gamut from jazz waltzes to blues and Latin-inspired jazz.

This charming and graceful woman has not merely survived the changing times; she has grown demonstrably in spite of a long, self-imposed retirement. Ms. Carroll's new release on the prestigious Blue Note label proves that, as the New Yorker recently wrote, "She leads and commands the field of female jazz pianists."

The concert at Sanders Theater is being held at a benefit for the Quincy House Music Society, one of Harvard's most active musical organizations. We invite the press to play and to review Ms. Carroll's albums and will be pleased to send a copy of her new release upon request. We will also be happy to entertain your requests for telephone and/or in-person interviews with Ms. Carroll. For further information, feel free to call Jennifer Cohen, Director of the Quincy House Music Society, at (617) 498-7306.

Prequalifying Project available in the History of Technology.
Help identify and locate important Historic Engineering and Industrial Sites in the Worcester area. See Prof. Hammond or Prof. Sokal.

WCUW FM 91.3 LOBE LIGHTS

Program highlights for week of: 11-8-11-14

Wed., 11-10 — 11:15 p.m.
CREATIVE LINEAGE: "DOLLAR BRAND"

Dollar Brand's music is highly inspirational. His piano notes resound with a deep joy and love of life.

Thurs., 11-11 — 10:00 a.m.
RAPS & RHETORIC: "SOUTH AFRICA TODAY"

A revealing in-depth look at the system of apartheid is provided by M.P. Naicker, Publicity and Information Director of the African National Congress.

Fri., 11-12 — 8:15 p.m.
DOES IT MATTER IN OKLAHOMA?: "JUNK FOOD JUNKET"

This program examines both the nutritional defects of fast food and the effect of such franchises on urban neighborhoods.

Sat., 11-13 — 7:30 p.m.
SATURDAY NIGHT CONCERT: "OTIS RUSH"

A live recording of the most incredible blues guitarist—vocalist still playing in the pits of Chicago.

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Seminar — Science Amphitheater, 3:30 p.m.
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2:30, 4:50, 7:15, 9:35

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WIDESCREEN
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Walt Disney's
Bambi TECHNICOLOR
Starts Wed. AND
ESCAPE TO WITCH MOUNTAIN G
Bambi 2:00, 5:00, 8:00
Escape 3:25, 6:25, 9:25

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Mon.-Fri.
2:00, 7:20
9:40
Sat., Sun.
2:15, 4:30, 7:20, 9:40

SPORTS

Football team down

by Bake

The WPI football team completed their painful (in more ways than one) season Saturday. Hamilton College spoiled our hopes to finish with a win as they snatched a 31-26 victory. The gridders could fair no better in their previous two encounters either as a trip to Troy, N. Y. on the Saturday during the term break netted a 31-6 loss and one, October 23, Bates visited Worcester and took back a 30-28 win to Maine.

The Hamilton game was the peak of the frustration that has beset WPI all season. Both teams scored the same number of touchdowns. Both had the same number of first downs. Mistakes were fairly evenly divided. The kicking game, total yardage, etc. were all just about the same for both clubs. But a touchdown is only 6 points and Hamilton was able to convert on all four extra point attempts...three for 2 points. WPI on the other hand could only put through 2 points on 4 attempts on Johnny Pappas' kicks as two pass attempts failed. WPI offensively looked very impressive and at first seemed like they might blow Hamilton away. Getting a strong running game coupled with some sharp passing they marched down the field for a quick score culminating in Al Simakauskas' 3 yard plunge. "Sime" finally received the fruits of his year long work-horse efforts. He rushed 19 times for 90 yards and scored two TD's and despite the way things went this season has a right to be proud of his effort. Some subsequent mistakes after our first score stalled the offense and from then on it was a matter of exchanging touchdowns, one for each team in each quarter. Some other bright performances were turned in this game. John Pappas who passed for 157 yards, scored one touchdown and kicked those two extra points directed the offense as well as he has all year. Mike Walker hauled down 6 passes for 137 yards. The whole offensive line deserves credit too as they opened holes enabling the backs to rush for over 200 yards, the best this year. The defense however was a bit too generous as the Hamilton runners gained over 300 yards

though holding the passing game under 100 yards. It was a tough game to finish up on and it brought forth the season long anguish of seeing a victory just elude them.

The trip to meet the other engineers of RPI was perhaps a bit too long. WPI was stale and the home team was able to spurt to a quick lead and they never looked back. The Worcesterites couldn't get much going in the game and were particularly inept rushing compiling only 28 net yards in 32 attempts. RPI racked up 211 yards on the ground and added 171 aerial yards leaving WPI thinking less than nice thoughts about their hosts. It just wasn't WPI's day and a touchdown toward the games end at least spared a shutout.

The Bates game on October 23 also was one of the frustrating games WPI has encountered this year. After hopping off to a 7-0 lead early in the first quarter the engineers couldn't keep the momentum going on offense. The defense held fast however and there was no other scoring in the first half. The roof fell in on WPI in the third quarter. Bates scored four times in this quarter on 3 TD's and a field goal, then added another touchdown with less than 10 minutes to go in the game to take an apparently insurmountable 30-7 lead. But as they have done all year, the gridders from WPI didn't give up. The engineers scored with eight, six, and one and one-half minutes left as Mike Walker scooped in two touchdown passes and Al Simakauskas rushed for one. Marty Paglione kicked one extra point and caught a two point conversion pass missed and that final touchdown with less than a minute left came close to being, but wasn't, a reality.

So WPI football 1976 has completed its season. The record stands at 2 wins, 6 losses. Just misses don't add anything to the win column. Nor does the extra effort and the never say die attitude of the ball players. After starting the season 2-1, 2-6 sits rather heavily. The season was not without its good points, its happy moments, or some interesting sidelights. Next week then I'll take a look at the WPI football fortunes this year, some reasons, and some of the players.



Freshman QB McBride sweeps right.

Photo by Lewis Pettingill

Department of Civil Engineering

1976-1977 Colloquium

"Stochastic Approaches to Analysis and Design"

Speaker: C. Allin Cornell, Civil Engineering Department, M.I.T.

Topic: "Some examples of stochastic analyses of rare, extreme structural loads"

Wednesday, November 10, 1976

4:00-5:00 p.m.
Salisbury 105

**There will be a Student Government meeting
at 6:00 p.m. Wed., Nov. 10th in the Wedge.**



Women's volleyball team in action.

Photo by Rory O'Connor

Women's volleyball

The WPI Athletic Dept. is proud to announce that on Sat., Nov. 13th they are hosting this year's State Volleyball Tournament. Holy Cross is co-hosting the event and the 1st round games in Division II will be held at Holy Cross. The rest will be held here at Harrington. Admission is \$1.00 and that's good for all day at both schools. There are 22 schools competing in 3 divisions. Of course, the WPI Women's volleyball team is in this competition and we'll expect to see a big cheering section in Harrington at 10:15 when we play AIC (American International College).

In Division I we have (schools are listed in the order they've been seeded):

1. Springfield
2. Boston University
3. Bridgewater State
4. U. of Massachusetts
5. Mt. Holyoke
6. Boston College

- Division II:
1. Massachusetts Institute of Technology
 2. Eastern Nazarene College
 3. Smith
 4. Salem
 5. Worcester State

6. Fitchburg
 7. Holy Cross
 8. Gordon
- Division III:
1. Wheaton
 2. Regis
 3. American International College
 4. Clark
 5. Western New England
 6. WPI
 7. Assumption
 8. Framingham

The MIT team is an especially tough one this year. At present they are undefeated and have plans on entering a regional competition later this year. Good luck MIT!

The WPI Athletic Dept. has purchased 2 new volleyball nets this year so we'll have good equipment, good officials, good players, and some excellent competition here on Saturday. Come on over and watch!

The WPI team has 2 more home games coming up. On Thurs., Nov. 11th we host a tri-meet with Clark and Endicott and on Mon., Nov. 15th we play here against Assumption. The games start at 7:00 in Harrington. We expect a large cheering section.

Volleyball tournament schedule

Division I

Quarterfinals:

- 1) 11:30 Court 1 UMass. vs. Mt. Holyoke
- 2) 11:30 Court 2 Bridgewater vs. Boston College

Semifinals:

- 1) 3:15 Court 1 Springfield vs. winner of Quarterfinal 1
- 2) 3:15 Court 2 Boston U. vs. winner of Quarterfinal 2.

Finals:

- 7:00 Court 1

Division II

Quarterfinals:

- *1) 9:00 Court 1 M.I.T. vs. Gordon
- *2) 9:00 Court 2 Salem vs. W.S.C.
- *3) 10:15 Court 1 Fitchburg vs. Smith
- *4) 10:15 Court 2 Holy Cross vs. E.N.C.

Semifinals:

- 1) 12:45 Court 2 Winners of Quarterfinals 1 and 2
- 2) 2:00 Court 2 Winners of Quarterfinals 3 and 4

Finals:

- 5:45 Court 1

Division III

Quarterfinals:

- 1) 9:00 Court 1 Wheaton vs. Framingham
- 2) 9:00 Court 2 Clark vs. W.N.E.
- 3) 10:15 Court 1 A.I.C. vs. W.P.I.
- 4) 10:15 Court 2 Regis vs. Assumption

Semifinals:

- 1) 12:45 Court 1 Winners of Quarterfinals 1 and 2
- 2) 2:00 Court 1 Winners of Quarterfinals 3 and 4

Finals:

- 4:30 Court 1

* Games played at Holy Cross.

Cross country

If it really bothers you that Coast Guard (36) beat WPI (40) in cross country last week, take comfort in the fact that our guys were a lot more handsome. At least we had more hair. Besides, it was actually a tri-meet, and WPI upset Williams (44) for the first time in quite a while.

If you were to ask the first two Williams runners why their team really lost to WPI and Coast Guard, they'd probably offer a different explanation than what will be presented here. However, what you don't know won't hurt you — right? Right!

Clearly, the victory over Williams was due to an incredible showing of team depth. WPI's first four men crossed the finish line within nine seconds of each other — all under twenty-six minutes for 4.9 miles. Super freshman — John "The lush" Turpin again led the way for the Engineers,

(finishing fifth), followed by Frank Lashy in sixth and Peter Kane in seventh. Co-captain Steve Sweeney grabbed ninth after running the course nearly a minute faster than he had ever run before! Big John Heslin the all important fifth man for WPI, further contributed to the varsity's depth by grabbing thirteenth. Also turning in fine varsity performances were Norm Guillemette and Fred Marotta.

The JV's extended their record to 4 and one by narrowly defeating Coast Guard, 29 to 30. John Osowski, Tom Horgan, Jim Drumm, Denis Legnard, Mark Freitas, Ed Szkutak, Eric Thompson and Vince Wolff all were involved in that race.

If everyone continues to run well, WPI should place relatively high in the upcoming EICAA championship October 23rd.

GOHEPEC Presents the return of Gene Merola Monday, November 15 in the Pub at 8:00 o'clock. NO COVER CHARGE!

IM volleyball

by Bake

After a rather unexciting regular season of volleyball eight teams settled into the playoffs to decide the intramural crown for 1976. The perennial powerhouses in IM Volleyball swept their way to the playoffs. SAE, PKT, and FIJI lived up to their billing as PSK joined them in the ranks of the undefeated. Following them with second place finishes in their respective leagues were SPE PKT (B) and a couple of surprise independent teams, the Venezuelans and the Celts. One team that struggled through some tough games only to just miss out on the playoff cut was ATO. Credit is deserved for their efforts.

Unlike the preliminary games the playoffs proved stimulating and a welcome break from the dull rigors of academic life at WPI. Quite a few fans filed (or staggered) into Harrington Auditorium to catch the action and razz the opposition. PSK and SAE opened up the series with a hard fought three game set. SAE won the first 15-7, PSK came roaring back to grab the second game 15-9. However SAE was not to be denied and powered its way to a 15-7 win in the deciding game. Later that night FIJI tangled with a scrappy Venezuelan team. This was one of the most exciting series of the playoffs. The Venezuelans spurred to a 15-6 win due mostly to their digging ability then had FIJI on the verge of elimination in

the second game before succumbing 15-17. The third game was gripped with intensity as the small Venezuelan team finally was outmatched by the FIJI spikers, the 15-13 decision going to the Gam. The next night's action saw a couple of quick blitzes by the favored clubs. SPE crushed KAP's second team easily in two games 15-6, 15-8. The fraternal confidence was restored when KAP's first team took care of the Celts in two. The Celts surprised a few with their strength forcing KAP to 16-14 score but then got sloppy enabling the KAP to grab the second game too, 15-10.

The semi-finals pitted FIJI against SPE and PKT with SAE. FIJI appeared to catch SPE off guard in the first game of their series allowing them only one point. However SPE fought back and led the second game by as much as 13-6. But 15 pts. is the game and FIJI was able to run off nine straight points to advance to the finals with their two game sweep. SAE and KAP then matched up in the showdown for the other's final spot. The KAP pushed SAE to the wall taking the first game 15-9 which meant SAE would have to take two straight games to advance. Well they did just that copping the next game 15-7, then hanging on to win the hotly contested third game, 15-12.

So the stage was set for the SAE-FIJI matchup which had all the tension of a UCLA - Santa Barbara national championship if not the importance. The first game

bounced back and forth for a while as pregame jitters were easing into hard competition. Then FIJI took control and a 15-12 important first game win. SAE did not fold but rather came back with fire in their eyes dominating the second game while winning 15-6. It seemed just now, and more so after the final game, that the two teams should call it a draw and leave it at that. But this year's volleyball intramurals ended with a bang. The two teams pecked and battled and scrapped, trading mistakes and good plays, before SAE finally was able to put the game away 16-14. A truly well earned championship for the victors, but an equal effort by the almost-champs.

Credit is due to the officials in the playoffs (particularly Andy Corman) who handled themselves well despite limited experience. Thanks should be given to the folks down at FIJI who ran the intramural volleyball season this year. Dave Wilson and his crew put in quite a bit of time to personally oversee the games and thus problems were kept to a minimum. Continuation of such smooth intramural programs is hoped for.

And finally, at least from my personal interpretation as a participant and an official, it appeared that these intramurals got down to the basics of intramural athletic activities at WPI. Though winning and the rivalries retain their necessity, for the most part enjoyment of competition seemed paramount.

Booters tourney bound

by Coke, Bo, and Bang

The WPI soccer team concluded its regular season with victories over UMass, Nichols, Boston U., and Hartford. This extended their winning streak to eight games and clinched an NCAA Division III playoff berth.

The UMass game was a hard fought 1-0 victory with John Pavlos scoring the only goal assisted by Leo Kaabi.

Against Nichols forward sensation John Pavlos scored two goals and assisted on two others scored by Abdul Kader-Tadler making the final score 4-0. With these two shut-out victories Tech tied the school record of four shutouts in a season for the third straight year. Goalie Bob Grochmal has recorded eleven of the twelve shutouts making him the all-time shutout leader at WPI.

On October 27, Boston University came to the WPI dustbowl and was handed a 2-1 loss with goals by Jim Lucas and Leo Kaabi.

Facing a must win situation, WPI defeated a highly rated Hartford team 3-2 at the Hawks nest. Hartford was previously undefeated (8-0) at home and both teams were riding seven game winning streaks into the contest. Hartford scored early and appeared confident of another victory, but WPI did not lose their psyche and shocked Hartford with two goals before halftime. Hartford came back with a goal midway through the second half setting the stage for timely heroics by Brian Clang as he scored the winning goal with 10 minutes to play. With this victory the booters record stood at 10-2-1.

The hard work has paid off as WPI was chosen to face Westfield State on Wednesday November 10 at 7:30 p.m. at Westfield. This is the second time in the past three years that WPI has participated in the National Tournament. Let's psyche up Techies and support your team, there will be buses to the game so look for posters for information.



Goalie Bob Grochmal makes another save.

Photo by John Moulton

Editors corner

by Wheels

The fall sports campaign of 1976 has reached a conclusion and certainly the shining star over all the events is the performances of the WPI soccer team. Coach Alan King's club came on like true champions during the end of the season defeating a respectable Boston University team, a good UMass outfit, and upsetting New England power U. of Hartford. With Holy Cross defeating Babson, a playoff is certain for the Engineer Booters. Tributes should go to each and every member of the club, with special applause to John Pavlos, Brian Clang, Chris Cocaine, and Steve Superson. Congratulations on a fine year and good luck if a playoff berth comes.

The football team is another matter. However, bear in mind that injuries devastated this club. Losing a super runner like Mike Roberson, a fiery quarterback in Art Hughes, and numerous others, turned Mel Massucco's hair gray. Mike Walker turned in another All-American year, and

Marty Paglione should be recognized nationally. Hard-nosed runners like Alan Simakauskas and Timmy Scavene are a perfect example of determination coupled with hard work. Let us not forget the co-captains, Al Barry and John Pappas. Al made that big switch to running back after four years at defensive halfback and performed very well. Pappas led the club well and passed very well to Walker and Paglione. With many lettermen returning next year, let's hope the 2-6 record can be reversed.

Cross-country again produced a winner. These guys probably work harder than anyone and special praise goes to these fine athletes.

Winter is here and now it's time for basketball (men and women), swimming, and ice hockey. Hopefully, each team can follow the lead of the soccer team and produce a winner. Good luck to all from Newspeak.

ATTENTION: SENIORS

Clarkson — The School of Management will interview in the Placement Office on Wednesday, November 17, 1976 between the hours of 1:00 p.m. and 4:00 p.m. Please see the Secretary in the Office of Graduate & Career Plans to arrange an appointment.

Big news.



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What's Happening?

Tuesday, November 9

Life Sciences Seminar, "N₂ Fixing Gene Transfer to Plants", Dr. F. Ausubel, Harvard University, Kinnicutt Hall, 4 p.m.
Chemical Engineering Colloquium, "Transport Characteristics Associated with Horizontal-Tube Water Desalination Units", Dr. Samuel Sideman, Technion, Israel, Goddard 217-227, 4:15 p.m.
Speaker: Robert Doherty, "The Influence of Photography in American Life", Hogan Ballroom, Holy Cross, 8 p.m.
Cinematech, "In Celebration", Alden Hall, 7:30 p.m.

Wednesday, November 10

Civil Engineering Colloquium, "Some Examples of Stochastic Analyses of Rare, Extreme Structural Loads", C. Allin Cornell, MIT, Salisbury 105, 4 p.m.
Cross Country vs. Trinity-Amherst, A, 4 p.m.
Speaker: Robert Jones, "Catherine II of Russia", Hogan 403, Holy Cross, 7:30 p.m.

Thursday, November 11

LIIE Workshop, "Impact of Technology on Learning", Harvey J. Brudner (former president of Westinghouse Learning Corp.), Seminar Room, 4 p.m.
Torch Club, Morgan C, 6 p.m.
Pub, "Kirk Edwards", 8 p.m.
Play: "Mary, Mary", Hogan 519, 8 p.m. (through Nov. 14)

Saturday, November 13

Parents Day
Volleyball Tournament MAIAW, Harrington, 9 a.m.-7 p.m.
Fencing vs. U.Maine-URI-RIC, Away

Sunday, November 14

WPI Glee Club Concert with Smith College Choir, Alden Hall, 4 p.m.
Lens & Light Movie, "Harry and Tonto", Alden Hall, 7 and 9:30 p.m.

Monday, November 15

Library Exhibit, "Photographs by Mark Sandrof", through December 15
Math Seminar, "Reliability of Electric Power Systems", K.A. Clements, WPI, Stratton 105, 4 p.m.
Fine Arts Film: "A Farewell to Arms", Hogan 403, Holy Cross, 3:45 and 8 p.m.

Tuesday, November 16

WPI Business Women's Club, "The Art of Breadmaking", Sally Demetry, Higgins House, noon.
ESP Demonstration, Jim Mapes "The Power of the Mind", Wedge, noon.
Life Sciences Seminar, "Artificial Cells-Principles, Present Applications and Future Perspectives", Dr. T. Chang, McGill U., Kinnicutt Hall, 4 p.m.
Pub, Jim Mapes, 8 p.m.
Play: "Summertime", Fenwick Theater, Holy Cross, 8 p.m. (through Nov. 21)



Photo by Rory O'Connor

Newspeak

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